

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Continuation Application of :
Niels-Henrik JENSEN based on
International Appln. No. PCT/DK00/00365
International Filing Dated: July 5, 2000

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Filed Concurrently Herewith On January 8, 2002

For: **A SENSOR COMPRISING A
HYDROPHILIC MATRIX MATERIAL**

New York, New York
January 8, 2002

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
BOX PATENT APPLICATION
Washington, DC 20231

Sir:

The following amendments are presented to remove the multiple dependencies present in the pending claims. It is believed that no fee is required in connection with this Preliminary Amendment. If, however, a fee is due, please charge any such fee to Deposit Account No. 02-4467. A duplicate of this page is enclosed.

Please amend the above-identified application as follows:

In The Claims

Please amend claims as set forth below. A marked-up copy of the Amended Claims is attached as Exhibit 1:

- 4. An optical sensor according to claim 1, comprising a layer of the matrix material. --
- 8. An optical sensor according to claim 1, which is adapted to measure one or more analytes in the biological sample, such as pH, concentrations of electrolytes, concentrations of metabolic factors or concentrations of enzymes. --
- 12. An optical sensor according to claim 10, wherein the dye is selected from the group consisting of azo/hydrazone dyes, xanthenes, thioxanthenes, rhodamines, porphyrins, polymethines, e.g. cyanines, coumarines, indoanilines and anthraquinones. --
- 18. A membrane according to claim 15, wherein the cyclic compound is a cyclodextrin, a modified calixarene, a cyclic peptide, a carcerand, a cryptophane or a cyclophane, including an azacyclophane. --
- 22. A membrane according to claim 15, which is adapted for use in an optical sensor intended to measure one or more parameters in the biological sample, such as pH, concentrations of electrolytes, concentrations of metabolic factors or concentrations of enzymes.--
- 26. A membrane according to claim 24, wherein the dye is selected from the

group consisting of azo/hydrazone dyes, xanthenes, thioxanthenes, rhodamines, porphyrins, polymethines, e.g. cyanines, coumarines, indoanilines and anthraquinones. --

--36. A method according to claim 34, wherein the dye is selected from the group consisting of azo/hydrazone dyes, xanthenes, thioxanthenes, rhodamines, porphyrins, polymethines, e.g. cyanines, coumarines, indoanilines and anthraquinones. --

Remarks

Claims 4, 8, 12, 18, 22, 26, and 36 have been amended to eliminate multiple dependencies, and thereby minimize the claim fees. Accordingly, no new matter has been added.

Entry of the amendments prior to examination on the merits, respectfully is requested. If the Examiner has any questions regarding this paper, please contact the undersigned.

Respectfully submitted,

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EXHIBIT 1

MARKED-UP COPY OF AMENDED CLAIMS

--4. An optical sensor according to claim 1 [any of claims 1-3], comprising a layer of the matrix material. --

--8. An optical sensor according to claim 1 [any of claims 1-7], which is adapted to measure one or more analytes in the biological sample, such as pH, concentrations of electrolytes, concentrations of metabolic factors or concentrations of enzymes. --

--12. An optical sensor according to claim 10 [or 11], wherein the dye is selected from the group consisting of azo/hydrazone dyes, xanthenes, thioxanthenes, rhodamines, porphyrins, polymethines, e.g. cyanines, coumarines, indoanilines and anthraquinones. --

--18. A membrane according to claim 15 [any of claims 15-17], wherein the cyclic compound is a cyclodextrin, a modified calixarene, a cyclic peptide, a carcerand, a cryptophane or a cyclophane, including an azacyclophane. --

--22. A membrane according to claim 15 [any of claims 15-21], which is adapted for use in an optical sensor intended to measure one or more parameters in the biological sample, such as pH, concentrations of electrolytes, concentrations of metabolic factors or concentrations of enzymes. --

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--26. A membrane according to claim 24 [or 25], wherein the dye is selected from the group consisting of azo/hydrazone dyes, xanthenes, thioxanthenes, rhodamines, porphyrins, polymethines, e.g. cyanines, coumarines, indoanilines and anthraquinones. --

--36. A method according to claim 34 [or 35], wherein the dye is selected from the group consisting of azo/hydrazone dyes, xanthenes, thioxanthenes, rhodamines, porphyrins, polymethines, e.g. cyanines, coumarines, indoanilines and anthraquinones. --

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